

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 21 returned.**☐ 1. Document ID: US 6613557 B1

L6: Entry 1 of 21

File: USPT

Sep 2, 2003

US-PAT-NO: 6613557

DOCUMENT-IDENTIFIER: US 6613557 B1

TITLE: Papillomavirus HPV16 L1 polynucleotide

DATE-ISSUED: September 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frazer; Ian	Brisbane			AU
Zhou; Jian	Brisbane			AU

US-CL-CURRENT: [435/252.3](#); [435/252.33](#), [435/254.2](#), [435/325](#), [435/348](#), [435/364](#), [536/23.72](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 6562351 B2

L6: Entry 2 of 21

File: USPT

May 13, 2003

US-PAT-NO: 6562351

DOCUMENT-IDENTIFIER: US 6562351 B2

TITLE: Papilloma truncated L1 protein and fusion protein constructs

DATE-ISSUED: May 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hallek; Michael	Munich			DE
Burger; Alexander	Munich			DE

US-CL-CURRENT: [424/204.1](#); [424/184.1](#), [424/186.1](#), [424/205.1](#), [435/5](#), [435/6](#), [530/300](#), [536/23.72](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 6558670 B1

L6: Entry 3 of 21

File: USPT

May 6, 2003

US-PAT-NO: 6558670  
DOCUMENT-IDENTIFIER: US 6558670 B1

TITLE: Vaccine adjuvants

DATE-ISSUED: May 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Friede; Martin	Court St Etienne			BE
Hermand; Philippe	Court St Etienne			BE

US-CL-CURRENT: 424/184.1; 424/278.1, 424/283.1, 514/25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw. Desc	Image										

---

☐ 4. Document ID: US 6544518 B1

L6: Entry 4 of 21

File: USPT

Apr 8, 2003

US-PAT-NO: 6544518  
DOCUMENT-IDENTIFIER: US 6544518 B1

TITLE: Vaccines

DATE-ISSUED: April 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Friede; Martin	Farnham			GB
Garcon; Nathalie	Wavre			BE
Gerard; Catherine Marie Ghislaine	Rhode Saint Genese			BE
Hermand; Philippe	Court-Saint-Etienne			BE

US-CL-CURRENT: 424/184.1; 424/208.1, 424/228.1, 424/229.1, 424/231.1, 424/249.1,  
424/278.1, 424/283.1, 514/25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw. Desc	Image									

---

☐ 5. Document ID: US 6358744 B1

L6: Entry 5 of 21

File: USPT

Mar 19, 2002

US-PAT-NO: 6358744  
DOCUMENT-IDENTIFIER: US 6358744 B1

TITLE: Stabilized human papillomavirus formulations

DATE-ISSUED: March 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Volkin; David B.	Doylestown	PA		
Shi; Li	Eagleville	PA		
Sanyal; Gautam	Marlborough	MA		

US-CL-CURRENT: 436/8; 424/204.1, 424/70.1, 424/70.31, 430/493, 435/5, 436/18, 530/300, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 6352696 B1

L6: Entry 6 of 21

File: USPT

Mar 5, 2002

US-PAT-NO: 6352696

DOCUMENT-IDENTIFIER: US 6352696 B1

TITLE: Papillomavirus truncated L1 protein and fusion protein constructs

DATE-ISSUED: March 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hallek; Michael	Munich			DE
Burger; Alexander	Munich			DE

US-CL-CURRENT: 424/204.1; 424/184.1, 424/186.1, 424/205.1, 435/69.1, 435/69.3, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 6290965 B1

L6: Entry 7 of 21

File: USPT

Sep 18, 2001

US-PAT-NO: 6290965

DOCUMENT-IDENTIFIER: US 6290965 B1

TITLE: DNA encoding human papillomavirus type 6A

DATE-ISSUED: September 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jansen; Kathrin U.	Fort Washington	PA		
Hofmann; Kathryn J.	Collegeville	PA		

US-CL-CURRENT: 424/199.1; 424/186.1, 424/204.1, 435/235.1, 435/239, 435/320.1, 435/325, 435/91.1, 435/91.33, 514/44, 536/23.1, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 8. Document ID: US 6280740 B1

L6: Entry 8 of 21

File: USPT

Aug 28, 2001

US-PAT-NO: 6280740

DOCUMENT-IDENTIFIER: US 6280740 B1

TITLE: Formulations of recombinant papillomavirus vaccines

DATE-ISSUED: August 28, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gupta; Sunil K.	Piscataway	NJ		
Mark, III; George E.	Newtown	PA		

US-CL-CURRENT: 424/204.1; 424/1.73, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMAC

☐ 9. Document ID: US 6228368 B1

L6: Entry 9 of 21

File: USPT

May 8, 2001

US-PAT-NO: 6228368

DOCUMENT-IDENTIFIER: US 6228368 B1

TITLE: Papilloma virus capsomere formulations and method of use

DATE-ISSUED: May 8, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gissmann; Lutz	Wiesloch			DE
Muller; Martin	Chicago	IL		

US-CL-CURRENT: 424/204.1; 424/186.1, 424/192.1, 435/235.1, 435/320.1, 435/69.1,  
435/69.3, 536/23.4, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMAC

☐ 10. Document ID: US 6159729 A

L6: Entry 10 of 21

File: USPT

Dec 12, 2000

US-PAT-NO: 6159729

DOCUMENT-IDENTIFIER: US 6159729 A

TITLE: Synthetic HPV6/11 hybrid L1 DNA encoding human papillomavirus type 11 L1 protein

DATE-ISSUED: December 12, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hofmann; Kathryn J.	Collegeville	PA		
Jansen; Kathrin U.	Fort Washington	PA		
Neeper; Michael P.	Collegeville	PA		
Joyce; Joseph G.	Lansdale	PA		
George; Hugh A.	Schwenksville	PA		
Lehman; E. Dale	Lansdale	PA		

US-CL-CURRENT: 435/320.1; 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

[Generate Collection](#)[Print](#)

Terms	Documents
L2 and VLP	21

**Display Format:**[CIT](#)[Change Format](#)[Previous Page](#)[Next Page](#)

**WEST**

Generate Collection

Print

L8: Entry 1 of 4

File: DWPI

Jun 19, 2003

DERWENT-ACC-NO: 2000-431501

DERWENT-WEEK: 200351

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Treating papillomavirus (PV) infection and immunizing against human (H) PV11 and HPV6 infections comprises administrating PV L1, L1/L2, HPV6 and HPV11 virus-like particles

INVENTOR: FRAZER, I; ZHOU, J

PRIORITY-DATA: 1998AU-0007653 (December 11, 1998)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 762114 B	June 19, 2003		000	A61K039/12
WO 200035478 A1	June 22, 2000	E	042	A61K039/12
AU 200022674 A	July 3, 2000		000	
ZA 9907638 A	September 27, 2000		042	A61K000/00
EP 1144005 A1	October 17, 2001	E	000	A61K039/12
KR 2001103711 A	November 23, 2001		000	A61K039/12
JP 2002532434 W	October 2, 2002		041	A61K039/23

INT-CL (IPC): A61 K 0/00; A61 K 39/12; A61 K 39/23; A61 P 31/12; A61 P 31/20; C12 N 15/09

ABSTRACTED-PUB-NO: WO 200035478A

## BASIC-ABSTRACT:

NOVELTY - Treating existing papillomavirus (PV) infection comprises administrating PV capsid proteins L1 or L1/L2 virus-like particles (VLPs).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) Immunization against human PV (HPV) 11 infections by administration of HPV6 VLPs;
- (2) Immunization against HPV6 infections by administration of HPV11 VLPs; and
- (3) Treatment of PV infection comprising administration of PV VLPs without adjuvant.

ACTIVITY - Virucide; Dermatological. 33 patients with genital warts were immunized with 1, 5 or 10 micro g HPV6bL1 VLPs intramuscularly at 0, 4 and 8 weeks. Patients were then given 10, 5 or 1 micro g doses alternatively for up to 20 weeks or until the warts had cleared up. 25 patients had complete regression of warts (76 %) and 5 had substantial partial regression ( greater than 50 % wart clearance). 9 weeks later, patients with complete clearance had no recurrence of the disease and 2 further patients had complete regression.

MECHANISM OF ACTION - Vaccine.

USE - For treating existing papillomavirus infection and immunizing against HPV11 and HPV6 infections (claimed). For treating epithelial lesions such as palmar warts, planter warts, ano-genital warts, flat and planar warts of the skin and mucosal surfaces, CIN, equine sarcoid and replicating or vegetative PV infection (claimed).

## WEST Search History

DATE: Friday, October 10, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
---------------------------------	--------------	------------------	-------------------------------

*DB=DWPI; PLUR=YES; OP=ADJ*

L10	Jansen K U.in. and virus	10	L10
L9	Jansen K U.in.	15	L9
L8	HPV6 and VLP	4	L8
L7	Lowy D R.in.	14	L7

*DB=USPT; PLUR=YES; OP=ADJ*

L6	L2 and VLP	21	L6
L5	HPV-6	75	L5
L4	HPV-6.clm.	10	L4
L3	HPV6.clm.	6	L3
L2	HPV6	82	L2
L1	Frazer ian.in.	8	L1

END OF SEARCH HISTORY